

09/720840
STN Search Summary

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(FILE 'HOME' ENTERED AT 17:14:06 ON 27 APR 2002)

FILE 'CAPLUS' ENTERED AT 17:14:11 ON 27 APR 2002

L1 774 S POLYKETIDE (W) SYNTHASE
L2 19 S L1 AND (LOADING MODULE)
L3 104 S L1 AND REVIEW/DT
L4 46 S L3 AND PDB1999
L5 4 S L4 AND MODULE
L6 12 S L4 AND (MODULE? OR EXTEND? OR LOADING?)

L2 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2002 ACS

AN 2002:267511 CAPLUS

TI Engineering specificity of starter unit selection by the erythromycin-producing polyketide synthase

AU Long, Paul F.; Wilkinson, Christopher J.; Bisang, Christian P.; Cortes, Jesus; Dunster, Nicholas; Olinyk, Marko; McCormick, Ellen; McArthur, Hamish; Mendez, Carmen; Salas, Jose A.; Staunton, James; Leadlay, Peter F.

SO Molecular Microbiology (2002), 43(5), 1215-1225

L2 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2002 ACS

AN 2002:237711 CAPLUS

TI The Loading and Initial Elongation Modules of Rifamycin Synthetase Collaborate To Produce Mixed Aryl Ketide Products

AU Admiraal, Suzanne J.; Khosla, Chaitan; Walsh, Christopher T.

SO Biochemistry (2002), 41(16), 5313-5324

L2 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2002 ACS

AN 2002:2524 CAPLUS

TI Chain initiation on the soraphen-producing modular polyketide synthase from Sorangium cellulosum

AU Wilkinson, Christopher J.; Frost, Elizabeth J.; Staunton, James; Leadlay, Peter F.

SO Chemistry & Biology (2001), 8(12), 1197-1208

L2 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2002 ACS

AN 1998:802928 CAPLUS

TI Evaluating precursor-directed biosynthesis towards novel erythromycins through in vitro studies on a bimodular polyketide synthase

AU Weissman, Kira J.; Bycroft, Matthew; Cutter, Annabel L.; Hanefeld, Ulf; Frost, Elizabeth J.; Timoney, Maire C.; Harris, Rebecca; Handa, Sandeep; Reddis, Marc; Staunton, James; Leadlay, Peter F.

SO Chem. Biol. (1998), 5(12), 743-754

L2 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2002 ACS

AN 1998:550955 CAPLUS

TI Engineering of a minimal modular polyketide synthase, and targeted alteration of the stereospecificity of polyketide chain extension

AU Bohm, Ines; Hlaskaur, Ines E.; Hanefeld, Ulf; Cortes, Jesus; Staunton, Jim; Leadlay, Peter F.

SO Chem. Biol. (1998), 5(8), 407-412

L2 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2002 ACS
AN 1998:48976 CAPLUS
TI Engineering broader specificity into an antibiotic-producing
polyketide synthase
AU Marsden, Andrew F. A.; Wilkinson, Barrie; Cortes, Jesus; Dunster, Nicholas
J.; Staunton, James; Leadlay, Peter F.
SO Science (Washington, D. C.) (1998), 279(5348), 199-202

L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1998:656890 CAPLUS
TI Harnessing the biosynthetic code: combinations, permutations, and
mutations
AU Cane, David E.; Walsh, Christopher T.; Khosla, Chaitan
SO Science (Washington, D. C.) (1998), 282(5386), 63-68

L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1998:557326 CAPLUS
TI Engineering of modular polyketide synthases
to produce novel polyketides
AU Carreras, Christopher W.; Santi, Daniel V.
SO Curr. Opin. Biotechnol. (1998), 9(4), 403-411

L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1998:436534 CAPLUS
TI Combinatorial biosynthesis of erythromycin and complex polyketides
AU Staunton, James
SO Curr. Opin. Chem. Biol. (1998), 2(3), 339-345

L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1998:58160 CAPLUS
TI The biosynthesis of aliphatic polyketides
AU Staunton, James; Wilkinson, Barrie
SO Top. Curr. Chem. (1998), 195(Biosynthesis: Polyketides and
Vitamins), 49-92

L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1997:720274 CAPLUS
TI Manipulation of Modular Polyketide Synthases
AU Katz, Leonard
SO Chem. Rev. (Washington, D. C.) (1997), 97(7), 2557-2575

L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1997:694316 CAPLUS
TI Harnessing the Biosynthetic Potential of Modular
Polyketide Synthases
AU Khosla, Chaitan
SO Chem. Rev. (Washington, D. C.) (1997), 97(7), 2577-2590

L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2002 ACS
AN 1997:404440 CAPLUS
TI The chemistry and biology of fatty acid, polyketide, and nonribosomal
peptide biosynthesis
AU Carreras, Christopher W.; Pieper, Fembert; Khosla, Chaitan
SO Top. Curr. Chem. (1997), 188(Bioorganic Chemistry), 85-126